# **Refine Search**

#### Search Results -

Terms	Documents
L10 and extract\$9	4

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Recall Text

Search:

12	 	
		Refine Search

Interrupt

## Search History

Clear

DATE: Saturday, October 27, 2007 Purge Queries Printable Copy Create Case

Set Name side by side	Query	Hit Count	result set
DB=PGP	B, USPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR = Y	ES; OP=ADJ	·
<u>L12</u>	L10 and extract\$9	4	<u>L12</u>
<u>L11</u>	L10 and extract\$9 and distil\$9	4	<u>L11</u>
<u>L10</u>	ethyl lactate.ti. and lactic acid and ethanol	18	<u>L10</u>
<u>L9</u>	ethyl lactate and lactic acid and ethanol	1343	<u>L9</u>
DB = USPT	T; PLUR=YES; OP=ADJ		
<u>L8</u> .	L4 and distil\$9	0	<u>L8</u>
<u>L7</u>	L4 and extract\$9	0	<u>L7</u>
<u>L6</u>	L4 and extract\$9 or distil\$9	276053	<u>L6</u>
<u>L5</u>	L4 and extract\$9 and distil\$9	0	<u>L5</u>
<u>L4</u>	2406648.pn.	1	<u>L4</u>
<u>L3</u>	L2 and distill\$9	1	<u>L3</u>
<u>L2</u>	L1 and extract\$9	1	<u>L2</u>
<u>L1</u>	6664413.pn. and flash\$9	1	<u>L1</u>

## **Hit List**

First Hit Clear Generate Collection Print Fwd Refs Bkwd Refs Generate OACS

Search Results - Record(s) 1 through 4 of 4 returned.

☐ 1. Document ID: US 20060041165 A1

L11: Entry 1 of 4

File: PGPB

Feb 23, 2006

PGPUB-DOCUMENT-NUMBER: 20060041165

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060041165 A1

TITLE: Continuous ethyl lactate preparation method

PUBLICATION-DATE: February 23, 2006 .

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Tretjak; Serge Rouhling FR
Burtin; Elie Longeville-Les-Saint-Avold FR
Teissier; Remy Francheville FR

US-CL-CURRENT: <u>560/179</u>

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw, D
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☐ 2. Document ID: US 20060014976 A1

Lll: Entry 2 of 4

File: PGPB

Jan 19, 2006

PGPUB-DOCUMENT-NUMBER: 20060014976

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060014976 A1

TITLE: Continuous method for preparing ethyl lactate

PUBLICATION-DATE: January 19, 2006

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Martino-Gauchi; Georges Lyon FR
Teissier; Remy Franceville FR

US-CL-CURRENT: 560/179

3. Document ID: WO 2004052826 A2

L11: Entry 3 of 4

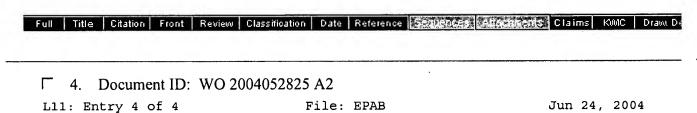
File: EPAB

Jun 24, 2004

PUB-NO: WO2004052826A2

DOCUMENT-IDENTIFIER: WO 2004052826 A2

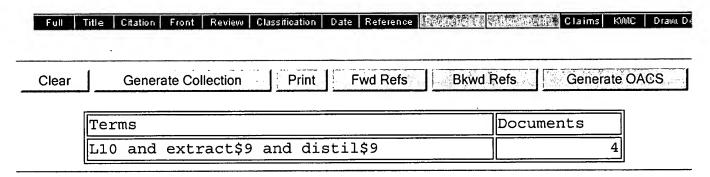
TITLE: CONTINUOUS METHOD FOR PREPARING ETHYL LACTATE



PUB-NO: WO2004052825A2

DOCUMENT-IDENTIFIER: WO 2004052825 A2 '

TITLE: CONTINUOUS ETHYL LACTATE PREPARATION METHOD



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### **Hit List**

First Hit Clear Generate Collection Print Fwd Refs Bkwd Refs

Generate OACS

Search Results - Record(s) 1 through 10 of 18 returned.

☐ 1. Document ID: US 20060041165 A1

L13: Entry 1 of 18

File: PGPB

Feb 23, 2006

PGPUB-DOCUMENT-NUMBER: 20060041165

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060041165 A1

TITLE: Continuous ethyl lactate preparation method

PUBLICATION-DATE: February 23, 2006

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Tretjak; Serge Rouhling FR

Burtin; Elie Longeville-Les-Saint-Avold FR

Teissier; Remy Francheville FR

US-CL-CURRENT: 560/179

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw. De

☐ 2. Document ID: US 20060014976 A1

L13: Entry 2 of 18 File: PGPB

Jan 19, 2006

PGPUB-DOCUMENT-NUMBER: 20060014976

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060014976 A1

TITLE: Continuous method for preparing ethyl lactate

PUBLICATION-DATE: January 19, 2006

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Martino-Gauchi; Georges Lyon FR

Teissier; Remy Franceville FR

US-CL-CURRENT: 560/179

☐ 3. Document ID: US 6051607 A

L13: Entry 3 of 18

File: USPT

Apr 18, 2000

US-PAT-NO: 6051607

DOCUMENT-IDENTIFIER: US 6051607 A

TITLE: Vascular embolizing compositions comprising ethyl lactate and methods for

their use

Full Title Citation Front Review Classification Date Reference Communication Date Reference

☐ 4. Document ID: JP 2005154290 A

L13: Entry 4 of 18

File: JPAB

Jun 16, 2005

PUB-NO: JP02005154290A

DOCUMENT-IDENTIFIER: JP 2005154290 A

TITLE: METHOD FOR PRODUCING ETHYL LACTATE

Full Title Citation Front Review Classification Date Reference

5. Document ID: JP 08208565 A

L13: Entry 5 of 18

File: JPAB

Aug 13, 1996

PUB-NO: JP408208565A

DOCUMENT-IDENTIFIER: JP 08208565 A TITLE: PRODUCTION OF ETHYL LACTATE

Full Title Citation Front Review Classification Date Reference Citation Claims KMC Draw. De

6. Document ID: WO 2004052826 A2

L13: Entry 6 of 18

File: EPAB

Jun 24, 2004

PUB-NO: WO2004052826A2

DOCUMENT-IDENTIFIER: WO 2004052826 A2

TITLE: CONTINUOUS METHOD FOR PREPARING ETHYL LACTATE

Full Title Citation Front Review Classification Date Reference

7. Document ID: WO 2004052825 A2

L13: Entry 7 of 18

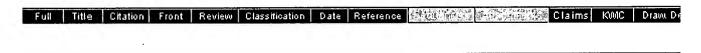
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Jun 24, 2004

PUB-NO: WO2004052825A2

DOCUMENT-IDENTIFIER: WO 2004052825 A2

TITLE: CONTINUOUS ETHYL LACTATE PREPARATION METHOD



8. Document ID: CN 1740331 A

L13: Entry 8 of 18

File: DWPI

Mar 1, 2006

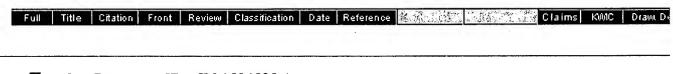
DERWENT-ACC-NO: 2006-455429

DERWENT-WEEK: 200647

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TITLE: Biological refining production of <a href="ethyllactate">ethyl lactate</a> and technological process

for common product



☐ 9. Document ID: CN 1594585 A

L13: Entry 9 of 18

File: DWPI

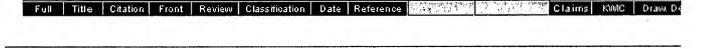
Mar 16, 2005

DERWENT-ACC-NO: 2005-770440

DERWENT-WEEK: 200645

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TITLE: Process for enzymatic synthesis of ethyl lactate in solvent phase



T 10. Document ID: KR 2005084179 A, FR 2848209 A1, WO 2004052825 A2, AU 2003298421 A1, EP 1569891 A2, BR 200317047 A, US 20060041165 A1, JP 2006509024 W, CN 1720215 A, =M X200500596 2A

L13: Entry 10 of 18

File: DWPI

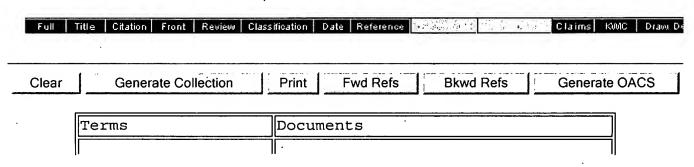
Aug 26, 2005

DERWENT-ACC-NO: 2004-462278

DERWENT-WEEK: 200644

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TITLE: Continuous production of <a href="ethyllactate">ethyllactate</a> by esterifying <a href="ethanol">lactic acid with</a> <a href="ethanol">ethanol</a>, comprises using a flash column and distillation column for product recovery



L10 18

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